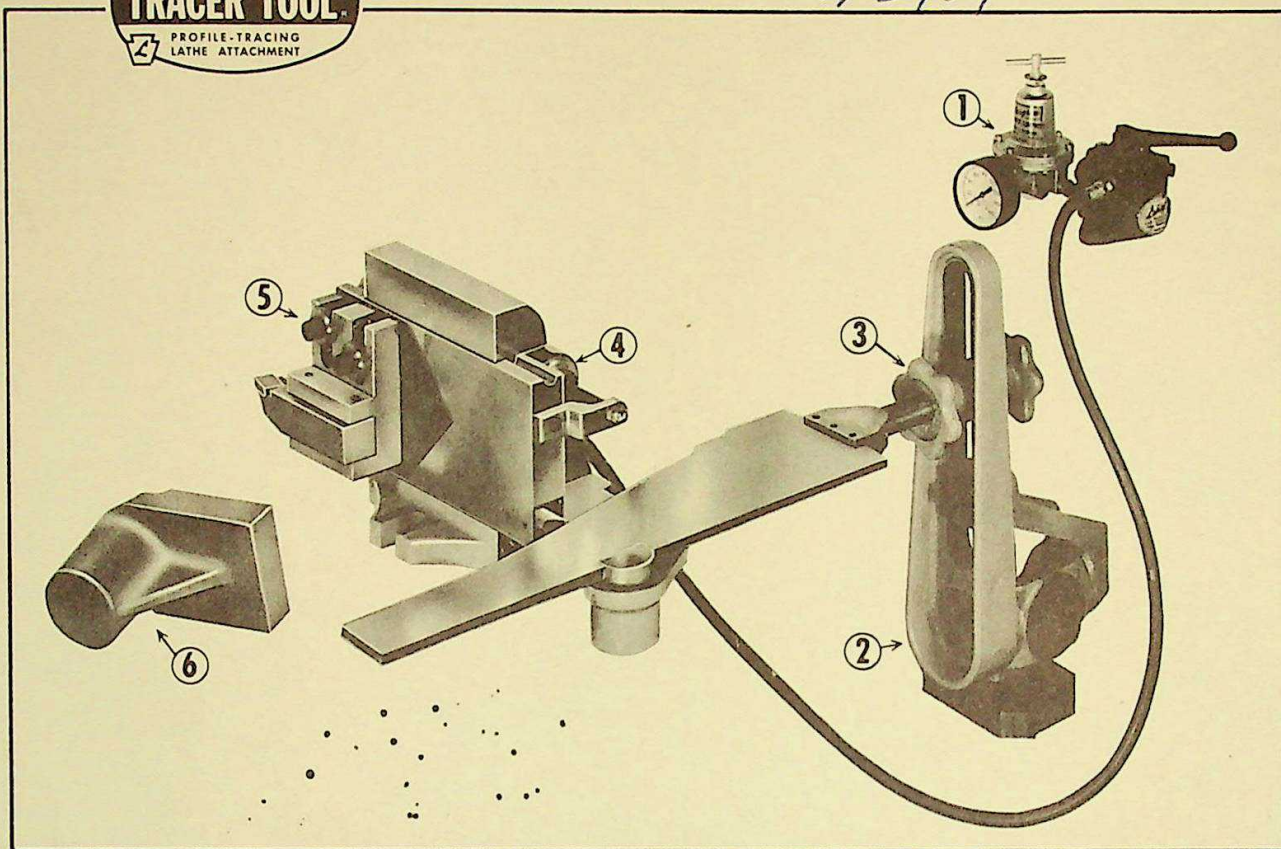


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**Schematic view of Model EL-2000 Lehigh TRACER-TOOL for use on engine lathes from 16" swing.**

The regulator and valve, Fig. 1, are equipped with a simple bracket, which may be clamped on the ways of the lathe or at any other convenient point.

The template holder brackets, Fig. 2, are clamped to the ways by means of a  $\frac{1}{2}$  in. cap screw and  $\frac{3}{8}$  in. locking bolt, and are adjustable for all lathes up to 28 in. swing.

The template adjusting knobs, Fig. 3, permit adjustment of the template parallel with the lathe center line.

A double row of  $\frac{3}{8}$  in. balls in a rifle groove combine ruggedness, precision, and frictionless movement of the slide, Fig. 4. A stroke of 3 inches permits machining of parts having a variation of 6 inches between minimum and maximum diameters.

The tool holder, Fig. 5, is designed to accommodate 1" Square tool bits. The interlocking serrations provide absolute rigidity, and are adjustable vertically and horizontally.

The boring bar holder, Fig. 6, is attached in the same manner as the tool holder. It is furnished blank, so that it may be drilled to fit any size boring bar up to  $1\frac{1}{2}$  inch diameter.

|                                           | EL 2000                     |
|-------------------------------------------|-----------------------------|
| Total Overall Height                      | 6 $\frac{3}{4}$ "           |
| Body Length                               | 6"                          |
| Size of Slide                             | 1 x 4 $\frac{1}{4}$ x 9     |
| Size of Bearings                          | $\frac{3}{8}$ "             |
| Stroke of Slide                           | 3"                          |
| Required Thickness of Template            | $\frac{1}{4}$ "             |
| Normal Tool Bit Size                      | 1" Sq.                      |
| Method of Holding Stylus against template | Air with Pressure Regulator |

Manufactured by Air Control Division of

**Lehigh Foundries, Inc.**

1500 LEHIGH DRIVE



EASTON, PENNA.

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Manufacturers of a complete line of AIR VALVES, AIR CYLINDERS and AIR HOISTS